NITFS
Compliance Registration

Product: **Raytheon Digital Point Positioning Data Base (DPPDB) Production System**

Date: **27 October 2006**
Expiration: **26 October 2008**
Registration #: **349**

Sponsor: **Raytheon Systems Company**

Developer:

- ☐ Initial Registration
- ☑ Supplemental/Update **327** #
- ☐ Derived from Reg. #

Complexity Level

NITF 2.1 CLEVEL

		3		5	6	7
Interpret						
Generate						

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:
- SGI Origin 2000
- SGI Octane workstation

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☑ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format
NITF
○ ○ v2.1
○ ● v2.0
○   v1.1
NSIF
○ ○ v1.0

Pixel Value Types
○ ○ Boolean
○ ● Integer
○ ○ Signed Integer *
○ ○ IEEE Real *
○ ○ IEEE Complex *

Annotation Segment Types
○ ○ Bit Mapped **
○ ○ CGM, 2301
○ ● CGM, 2301A
○ ○ Labels **

Text Segments
○ ● STA
○ ○ UT1
○ ○ U8S
○ ○ MTF

Image Segment Types
○ ● MONO
○ ○ RGB
○ ○ RGB/LUT
○ ○ YCbCr
○ ○ MULTI
○ ○ NODISPLY
○ ○ POLAR

Image Compression
○ ○ Not Compressed
○ ● JPEG Lossy, 8-bit
○ ○ JPEG Lossy, 12-bit
○ ○ JPEG Downsample
○ ○ JPEG Lossless
○ ○ JPEG 2000
○ ○ Bi-Level
○ ○ Vector Quantization
○ ○ Multispectral JPEG, Individual Band

Data Extension Segments
○ ○ TRE_OVERFLOW
○ ○ STREAMING_FILE_HEADER
○ ● Controlled Extensions **
○ ○ Registered Extensions **

Tagged Record Extensions
○ ● MDSIRA
○ ● PRADAA
○ ● PRADRA
○ ● RGRDRA
○ ● SISDDA
○ ● SEGSPA
○ ● SSDPDA
○ ● PTPRAA
○ ● PPRSDA
○ ● PSUPDA
○ ● IMCBDA
○ ● IMASDA
○ ● IMRFCA

Legend
Interpret
Generate
● ● Fully implemented
◐ ◐ Partially implemented
○ ○ Not implemented

CURTIS L. GREEN, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.